



#8

Modified Form PTO/SB/08A

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/781,833
				Filing Date	February 12, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	1765
				Examiner Name	A. Alanko
Sheet	1	of	2	Attorney Docket No.	276440-4

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TC 1700

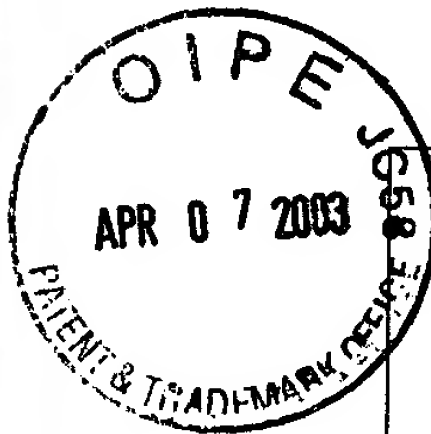
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
AKA	1	H842		Ochs	11/6/1990	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
AKA	2	EP	632281		Pedder	1/4/1995		
✓	3	EP	899538		IMEC vzw	3/3/1999		
	4	JP	58-191453		Kazuo	11/8/1983		x
	5	JP	05-18741		Kawase et al.	1/26/1993		x
	6	JP	05-198716		Osawa	8/6/1993		x
	7	JP	06-267408		Todokoro et al.	9/22/1994		x
	8	JP	07-21968		Watanabe et al.	1/24/1995		x
	9	JP	07-333232		Canon Inc.	12/22/1995		x
	10	JP	08-306708		Harada	11/22/1996		x
	11	WO	91/12706		Leedy	8/22/1991		
	12	WO	96/16440		Khandros et al.	5/30/1996		
	13	WO	97/44676		FormFactor, Inc.	11/27/1997		
	14	WO	98/21597		Charmant et al.	5/22/1998		
	15	WO	98/52224		FormFactor, Inc.	11/19/1998		
	16	WO	99/38229		Kinetrix, Inc.	7/29/1999		
	17	WO	00/33089		FormFactor, Inc.	6/8/2000		
	18	WO	00/33096		Eldridge et al.	6/8/2000		
	✓	19	WO	01/9952		Eldridge et al.	2/8/2001	

Examiner Signature	<i>Anita Alanko</i>	Date Considered	6/2/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete If Known**

Application Number	09/781,833
Filing Date	February 12, 2001
First Named Inventor	Eldridge et al.
Group Art Unit	1765
Examiner Name	A. Alanko
Attorney Docket No.	276440-4

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APR 8 2003  
TC 1700**OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
AdS	20	"A New Wafer Probe Interface Technology Using Compliant Microsprings, A Joint Study by Teradyne, Inc. and FormFactor, Inc.," Teradyne Formfactor White Paper (Teradyne, Inc. and FormFactor, Inc., January 30, 1998), pp. 1-18	
↓	21	NOVITSKY et al., "FormFactor Introduces An Integrated Process For Wafer-Level Packaging, Burn-in Testing, And Module Level Assembly" (FormFactor, Inc., March 1999), 6 pages	
↓	22	KHANDROS et al., "New Methods For Reducing Costs In Semiconductor Back-End," (FormFactor, Inc., January 30, 1998), 9 pages	

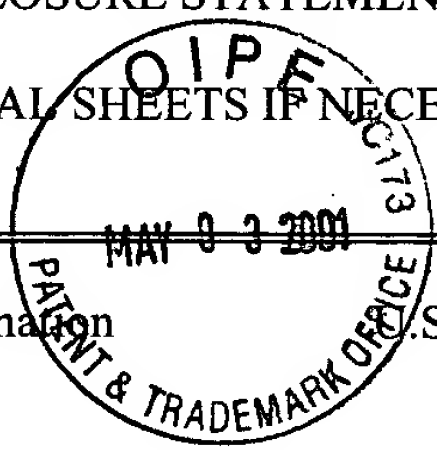
Examiner Signature	<i>Amita Alanko</i>	Date Considered	6/2/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

#5

FORM PTO-1449 (MODIFIED)	ATTY. DOCKET NO. 276440-4	SERIAL NO. 09/781,833
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANTS: Benjamin N. ELDRIDGE and Stuart W. WENZEL	
	FILING DATE: February 12, 2001	GROUP: 2812 1765



Reference Designation U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
<i>W/et</i>	AA 5,513,430	05/07/96	Yanof et al.		
<i>↓</i>	AB 5,944,537	08/31/99	Smith et al.		
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
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FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
AM				
AN				
AO				
AP				
AQ				

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR				
AS				
AT				

EXAMINER *Aruta Alarico* DATE CONSIDERED *6/2/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# Electronic Information Disclosure Statement

## Method For Forming Microelectronic Spring Structures On A Substrate

Application:   
09/781833

Confirmation: 8560

Applicant(s): Benjamin Eldridge

Docket  
Number: 276440-4











Group Art  
Unit: 1765
















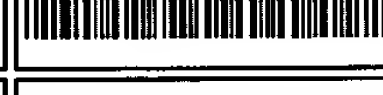








Examiner: A. Alanko




search string: ( 3173737 or 3519890 or 3842189 or 4553192 or 4615573 or 4772228 or 4893172 or 5152695 or 5173055 or 5210939 or 5228861 or 5286208 or 5462440 or 5534784 or 5555422 or 5576630 or 5599194 or 5613861 or 5632631 or 5666190 or 5701085 or 5810609 or 5821763 or 5829128 or 5914614 or 5974662 or 6014032 or 6016061 or 6029344 or 6031282 or 6059982 or 6064213 or 6072190 or 6183267 or 6184053 or 6184576 or 6214631 or 6255126 or 6255727 or 6289583 or 6307392 or 6344752 or 6359455 or 6452407 ).pn.

### US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	3173737	1965-03-16		Kinkaid et al.		
	P02	3519890	1970-07-07		Ashby		
	P03	3842189	1974-10-15		Southgate		
	P04	4553192	1985-11-12		Babuka et al.		
	P05	4615573	1986-10-07		White et al.		

<input checked="" type="checkbox"/>	P06	4772228	1998-09-20		Seymour
<input type="checkbox"/>	P07	4893172	1990-01-09		Matsumoto et al.
<input type="checkbox"/>	P08	5152695	1992-10-06		Grabbe et al.
<input type="checkbox"/>	P09	5173055	1992-12-22		Grabbe
<input type="checkbox"/>	P10	5210939	1993-05-18		Mallik et al.
<input type="checkbox"/>	P11	5228861	1993-07-20		Grabbe
<input type="checkbox"/>	P12	5286208	1994-02-15		Matsuoka
<input type="checkbox"/>	P13	5462440	1995-10-31		Rothenberger
<input type="checkbox"/>	P14	5534784	1996-07-09		Lum et al.
<input type="checkbox"/>	P15	5555422	1996-09-10		Nakano
<input type="checkbox"/>	P16	5576630	1996-11-19		Fujita
<input type="checkbox"/>	P17	5599194	1997-02-04		Ozawa et al.
<input type="checkbox"/>	P18	5613861	1997-03-25		Smith et al.
<input type="checkbox"/>	P19	5632631	1997-05-27		Fjelstad et al.
<input type="checkbox"/>	P20	5666190	1997-09-09		Quate et al.
<input type="checkbox"/>	P21	5701085	1997-12-23		Malladi et al.
<input type="checkbox"/>	P22	5810609	1998-09-22		Faraci et al.
<input type="checkbox"/>	P23	5821763	1998-10-13		Beaman et al.
<input type="checkbox"/>	P24	5829128	1998-11-03		Eldridge et al.
<input type="checkbox"/>	P25	5914614	1999-06-22		Beaman et al.
<input type="checkbox"/>	P26	5974662	1999-11-02		Eldridge et al.
<input type="checkbox"/>	P27	6014032	2000-01-11		Maddix et al.
<input type="checkbox"/>	P28	6016061	2000-01-18		Mizuta
<input type="checkbox"/>	P29	6029344	2000-02-29		Khandros et al.
<input type="checkbox"/>	P30	6031282	2000-02-29		Jones et al.
<input type="checkbox"/>	P31	6059982	2000-05-09		Palagonia et al.
<input type="checkbox"/>	P32	6064213	2000-05-16		Khandros et al.
<input type="checkbox"/>	P33	6072190	2000-06-06		Watanabe et al.
<input checked="" type="checkbox"/>	P34	6183267	2001-02-06		Marcus et al.

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<input type="checkbox"/>	P36	6184576	2001-02-06		Jones et al.
<input type="checkbox"/>	P37	6214631	2001-04-10		Burrows et al.
<input type="checkbox"/>	P38	6255126	2001-07-03		Mathieu et al.
<input type="checkbox"/>	P39	6255727	2001-07-03		Khoury
<input type="checkbox"/>	P40	6289583	2001-09-18		Belmont et al.
<input type="checkbox"/>	P41	6307392	2001-10-23		Soejima et al.
<input type="checkbox"/>	P42	6344752	2002-02-05		Hagihara et al.
<input type="checkbox"/>	P43	6359455	2002-03-19		Takekoshi
<input checked="" type="checkbox"/>	P44	6452407	2002-09-17		Khoury et al.

## Signature

Examiner Name	Date
<i>Arita Hanks</i>	6/2/03